## **EAST Search History**

## EAST Search History (Prior Art)

| Ref # | Hits   | Search Query   | DBs                | Default<br>Operator | Plurals         | Time Stamp          |
|-------|--------|--|--------------------|---------------------|-----------------|---------------------|
| L2    | 1      | "7659540".pn.  | US-PGPUB;<br>USPAT | OR                  | ON              | 2010/06/17<br>14:34 |
| L3    | 1534   | (136/263 585/24-<br>27 568/303+).ccls.   | US-PGPUB;<br>USPAT | OR                  | ON              | 2010/06/17<br>14:37 |
| L4    | 479472 | Luminesc\$5 OR<br>electro\$1luminesc<br>\$5 OR (light ADJ<br>(emitt\$3 or emiss<br>\$3))                                 | US-PGPUB;<br>USPAT | OR                  | ON              | 2010/06/17<br>14:37 |
| L5    | 389    | L3 and L4  | US-PGPUB;<br>USPAT | OR                  | ON              | 2010/06/17<br>14:37 |
| L6    | 50655  | electron ADJ<br>(transport\$3 OR<br>transmit\$3 OR<br>inject\$3)   | US-PGPUB;<br>USPAT | OR                  | ON              | 2010/06/17<br>14:37 |
| L7    | 151    | L3 and L6 not L5   | US-PGPUB;<br>USPAT | OR                  | ON              | 2010/06/17<br>14:37 |
| L8    | 14498  | (428/690,917<br>313/504,506<br>257/40,E51.044).<br>ccls.   | US-PGPUB;<br>USPAT | OR                  | ON              | 2010/06/17<br>14:37 |
| L9    | 395334 | carbonyl or ketone   | US-PGPUB;<br>USPAT | OR                  | ON              | 2010/06/17<br>14:37 |
| L10   | 50655  | electron ADJ<br>(transport\$3 OR<br>transmit\$3 OR<br>inject\$3)   | US-PGPUB;<br>USPAT | OR                  | ON              | 2010/06/17<br>14:37 |
| L11   | 173    | L8 and (L9 same<br>L10)  | US-PGPUB;<br>USPAT | OR                  | ON              | 2010/06/17<br>14:37 |
| L12   | 548836 | Luminesc\$5 OR<br>electro\$11uminesc<br>\$5 OR (light ADJ<br>(emitt\$3 or emiss<br>\$3)) or OLED or<br>TFT or transistor | DERWENT            | OR                  | William Control | 2010/06/17<br>14:37 |
| L13   | 7619   | electron ADJ<br>(transport\$3 OR<br>transmit\$3 OR<br>inject\$3)   | DERWENT            | OR                  | ON              | 2010/06/17<br>14:37 |

| L14 | 128464 | carbonyl or ketone   | DERWENT            | OR | ON | 2010/06/17<br>14:37 |
|-----|--------|--|--------------------|----|----|---------------------|
| L15 | 248    | L12 and L13 and<br>L14   | DERWENT            | OR | ON | 2010/06/17<br>14:37 |
| L16 | 14854  | (428/690,917<br>427/66<br>313/504,506<br>252/301.16-301.35<br>257/40,88-103,<br>E51.001-E51.051).<br>ccls. NOT (L3 or<br>L8)   | US-PGPUB;<br>USPAT | OR | ON | 2010/06/17<br>14:37 |
| L17 | 98     | L16 and L9 and<br>L10 and<br>@ay<"2006"  | US-PGPUB;<br>USPAT | OR | ON | 2010/06/17<br>14:37 |
| L18 | 2523   | (electron ADJ<br>(transport\$3 OR<br>transmit\$3 OR<br>inject\$3)).ti. or<br>(electron ADJ<br>(transport\$3 OR<br>transmit\$3 OR<br>inject\$3)).ab. NOT<br>(L5 or L7 or L11 or<br>L17) | US-PGPUB;<br>USPAT | OR | ÓN | 2010/06/17<br>14:37 |
| L19 | 88     | L18 and L16  | US-PGPUB;<br>USPAT | OR | ON | 2010/06/17<br>14:37 |

## EAST Search History (Interference)

| Ref # | Hits  | Search Query  | DBs            | Default<br>Operator | Plurals | Time Stamp          |
|-------|-------|---|----------------|---------------------|---------|---------------------|
| L20   | 9008  | (428/690,917<br>313/504,506<br>252/301.16 257/40,103<br>136/263 568/305,308).<br>cds.             | USPAT;<br>UPAD | OR                  | ON      | 2010/06/17<br>14:48 |
| L21   | 93309 | (device and ((anode<br>and cathode) or<br>electrodes)).clm.                                       | USPAT;<br>UPAD | OR                  | ON      | 2010/06/17<br>14:48 |
| L22   | 68954 | ((electron adj (transport<br>\$3 or inject\$4)) or<br>(light adj (emiss\$3 or<br>emitt\$3))).clm. | USPAT;<br>UPAD | OR                  | ON      | 2010/06/17<br>14:48 |
| L23   | 2424  | 20 and 21 and 22  | USPAT;<br>UPAD | OR                  | ON      | 2010/06/17<br>14:48 |
| L24   | 43006 | (carbonyl or ketone).<br>clm.   | USPAT;<br>UPAD | OR                  | ON      | 2010/06/17<br>14:49 |

| L25 | 45    | 23 and 24  | USPAT;<br>UPAD | OR | ON | 2010/06/17<br>14:49 |
|-----|-------|--|----------------|----|----|---------------------|
| L27 | 12467 | (glass adj transition).<br>dm.                                     | USPAT;<br>UPAD | OR | ON | 2010/06/17<br>14:51 |
| L30 | 643   | 24 and 27  | USPAT;<br>UPAD | OR | ON | 2010/06/17<br>14:52 |
| L31 | 14685 | ((aromatic or aryl) and<br>(heteroaromatic or<br>heteroaryl)).clm. | USPAT;<br>UPAD | OR | ON | 2010/06/17<br>14:53 |
| L32 | 9     | 30 and 31  | USPAT;<br>UPAD | OR | ON | 2010/06/17<br>14:53 |
| L33 | 139   | 23 and 31  | USPAT;<br>UPAD | OR | ON | 2010/06/17<br>14:54 |
| L34 | 634   | 30 not (25 or 32 or 33)  | USPAT;<br>UPAD | OR | ON | 2010/06/17<br>14:55 |
| L35 | 1     | 20 and 30 not (25 or 32 or 33)                                     | USPAT;<br>UPAD | OR | ON | 2010/06/17<br>14:56 |

## 6/17/2010 2:59:56 PM

C:\ Documents and Settings\ mwilson1\ My Documents\ EAST\ Workspaces\ Gerhard-10589847.wsp